## APPENDIX I

# GLOSSARY

This glossary defines abbreviations and acronyms as they are used in this training manual.

**ACDS—** Advance combat direction system

**AFTS—** Audio-frequency tone shift

**ASCII—** American Standard Code for information interchange

**BER—** Bit error rate

**BFSK—** Binary frequency-shift keying

**CAINS—** Carrier Aircraft Inertial Navigation System

**CCA—** Circuit card assembly

**$C^2$—** Command and Control

**$C^2P$—** Command and Control Processor

**CDG—** Control/display group

**CDS—** Combat Direction System

**CRT—** Cathode-ray tube

**CPS—** Continuous phase shift

**CS—** Carrier suppression

**CSMA—** Carrier sense multiple access

**CU—** Control unit

**dB—** Decibel

**dBm—** Milliwatt reference (600-ohm load)

**DDC—** Digits!-to-digital converter

**DDPG—** Digital data processor group

**DIV—** Diversity

**DLRP—** Data link reference unit

**DPG—** Data processing group

**DTS—** Data Terminal Set

**EDAC—** Error detection and correction

**elf—** Extremely low frequency

**ehf—** Extremely high frequency

**EMMSD—** Embedded mass memory storage device

**EMS—** Embedded memory subsystem

**ETA—** Estimated time of arrival

**ETD—** Estimated time of departure

**FDM—** Frequency-division multiplexing

**FFT—** Fast Fourier transform

**FSK—** Frequency-shift keying

**Ghz—** Gigahertz

**GRU—** Gridlock reference unit

**hf—** High frequency

**HPAG—** High power amplifier group

**HPIB—** Hewlett Packard Interface Bus

**Hz—** Hertz

**ID—** Track identification

**IDA—** Input data acknowledge

**IDR—** Input data request

**IEEE—** Institute of Electrical and Electronics Engineer

**I/O—** input/output

**ISO—** International Standards Organization

**JTIDS—** Joint Tactical Information Distribution System

**JU—** JTIDS unit

**kHz—** Kilohertz

**lf—** Low frequency

**LAN—** Local area network

**log—** Logarithm

**LMS—** Link monitor system

**LSB—** Lower sideband

**mf—** Medium frequency

**MHZ—** Megahertz

**MODEM—** MOdulator Demodulator

**MCM—** Monitor control message

**MRM—** Monitor reply message

**MUF—** Maximum useable frequency

**NATO—** National Alliance Treaty Organization

**NIC—** Network interface card

**NICP—** Network interface computer program

**NCS—** Net control station

**NTR—** Network time reference

**ODR—** Output data request

**OSI—** Open system interconnection

**POFA—** Programmed operational and fictional appraisal

**PIU—** Power interface unit

**PU—** Participating unit

**R/T—** Receiver/transmitter group

**RGB—** Red, green, and blue

**RCV—** Receive

**SDLC—** Synchronous data link control

**SDU—** Secure data unit

**SNR—** Signal-to-noise ratio

**SGS—** Shipboard Gridlock System

**shf—** Superhigh frequency

**SINS—** Ship's Inertial Navigation System

**TADIL—** Tactical Data Information Link

**TDM—** Time-division multiplexing

**TDMA—** Time-division multiple access

**TQ—** Track quality

**uhf—** Ultra-high frequency

**USB—** Upper sideband

**µsec—** Microsecond

**UTM—** Universal test message

**vhf—** Very high frequency

**vlf—** Very low frequency

**XMT—** Transmit

# APPENDIX II

# REFERENCES USED TO DEVELOP THE TRAMAN

NOTE: Although the following references were current when this TRAMAN was published, their continued currency cannot be assured. Therefore, you need to be sure that you are studying the latest revision.


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